

## Moffatt, Brett

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**From:** Sim, Youn <YSIM@dpw.lacounty.gov>  
**Sent:** Wednesday, November 10, 2010 8:44 AM  
**To:** Butcher, Jon  
**Subject:** RE: Malibu stormwater data

Thank you Dr. Butcher.

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**From:** Butcher, Jon [mailto:Jon.Butcher@tetrattech.com]  
**Sent:** Wednesday, November 10, 2010 8:20 AM  
**To:** Sim, Youn; Lin.Cindy@epamail.epa.gov  
**Cc:** Moon, Taejin  
**Subject:** RE: Malibu stormwater data

Thank you, Dr. Sim. We are not directly involved in the public meeting/stakeholder component of this work, so I have forwarded your request regarding meetings and agendas to Cindy Lin at Region 10.

**Dr. Jon Butcher, P.H.** | Associate Director  
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**From:** Sim, Youn [mailto:YSIM@dpw.lacounty.gov]  
**Sent:** Wednesday, November 10, 2010 11:14 AM  
**To:** Butcher, Jon; Ackerman, Drew  
**Cc:** Moon, Taejin  
**Subject:** RE: Malibu stormwater data

Thank you Dr. Butcher. It seems like a good approach for overall watershed improvement purpose. From a practical standpoint, the approach could result in handling multiple items in the 303(d) or the consent decree simultaneously. If you don't mind, would you send me the latest meeting notice and agenda? I will consider having my staff attend. Attached is the data from 2005 to 2009 at Malibu creek mass emission site.

**Youn Sim, Ph.D., P.E.**  
**Los Angeles County Flood Control District**  
**County of Los Angeles, Dept. of Public Works**  
**Watershed Management Division**  
**900 S. Fremont Ave, Alhambra, CA 91803**  
**(626) 458-4314 (Office) (626) 940-6527 (Cell)**

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**From:** Butcher, Jon [mailto:Jon.Butcher@tetrattech.com]  
**Sent:** Tuesday, November 09, 2010 5:58 PM  
**To:** Sim, Youn; Ackerman, Drew  
**Cc:** Moon, Taejin  
**Subject:** RE: Malibu stormwater data

Thanks Youn. This work is being done directly under a task order for Cindy Lin at EPA R 10 and indirectly for the LA RWQCB. It is an attempt at starting to address (as required by consent decree) the impairment listings for the mainstem of Malibu Creek and Malibu Lagoon for impaired benthic bioscores and sedimentation. At this early phase we are only assembling and reporting on the available data. Cindy has a stakeholder team (which I believe includes LA Co.) that is interested in leveraging the TMDL process as a means of getting towards a more holistic watershed management approach for Malibu Creek and lagoon rather than just meeting the minimum requirements of the court stipulation. This approach seems appropriate to us as the poor bioscores (SC IBI) in Malibu Creek and the apparent problems in the lagoon (for which there does not seem to be a good reference site) arise from a multitude of factors including hydromodification, sedimentation (from naturally unstable terrain), fire regime, nutrients/algae, invasive nonnative species (e.g., NZ mud snail), and occasional excursions of criteria for sulfate, some metals, and a few pesticides. I am thinking that a full stressor identification approach is warranted to attempt to establish the key factors that are depressing benthic biodiversity and how management might improve use support - rather than some rote comparison to numeric criteria for individual constituents that may or may not be applicable to this fairly unique waterbody.

We do have your annual MS4 reports from your website; however, it would be a lot more efficient if we could obtain the more recent (2005+) data for the Malibu Creek site mass emissions site in raw electronic form.

Thank you for your help. Please do contact Cindy Lin if you need more background on the purposes of this task order.

Dr. Jon Butcher  
Tetra Tech

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**From:** Sim, Youn [YSIM@dpw.lacounty.gov]  
**Sent:** Tuesday, November 09, 2010 8:06 PM  
**To:** Ackerman, Drew  
**Cc:** Butcher, Jon; Moon, Taejin  
**Subject:** RE: Malibu stormwater data

Hello Drew:

We should have some data available. We are putting together data. Would you share what you are working on in Malibu? Is this for new TMDL development?

Youn

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**From:** Ackerman, Drew [mailto:Drew.Ackerman@tetrattech.com]  
**Sent:** Tuesday, November 09, 2010 10:52 AM  
**To:** Sim, Youn  
**Cc:** Butcher, Jon  
**Subject:** Malibu stormwater data

Youn,

We are doing some work in the Malibu watershed investigating sedimentation and biologic impacts. We have some of the mass emission data (up to 2005) but need the more recent data as well. Can you direct me to who I should contact to get the 2005-2009 water quality data from your stormwater collection efforts?

Thanks  
drew

**Drew Ackerman** | Senior Environmental Engineer  
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